

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN061918\
 Data File : VN049432.D
 Acq On : 20 Jun 2018 12:10
 Operator : MD\SY
 Sample : J3500-03
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 53 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 SB-56(0-5)

Quant Time: Jun 20 13:53:39 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N061618W.M
 Quant Title : SW846 8260
 QLast Update : Sat Jun 16 01:02:01 2018
 Response via : Initial Calibration

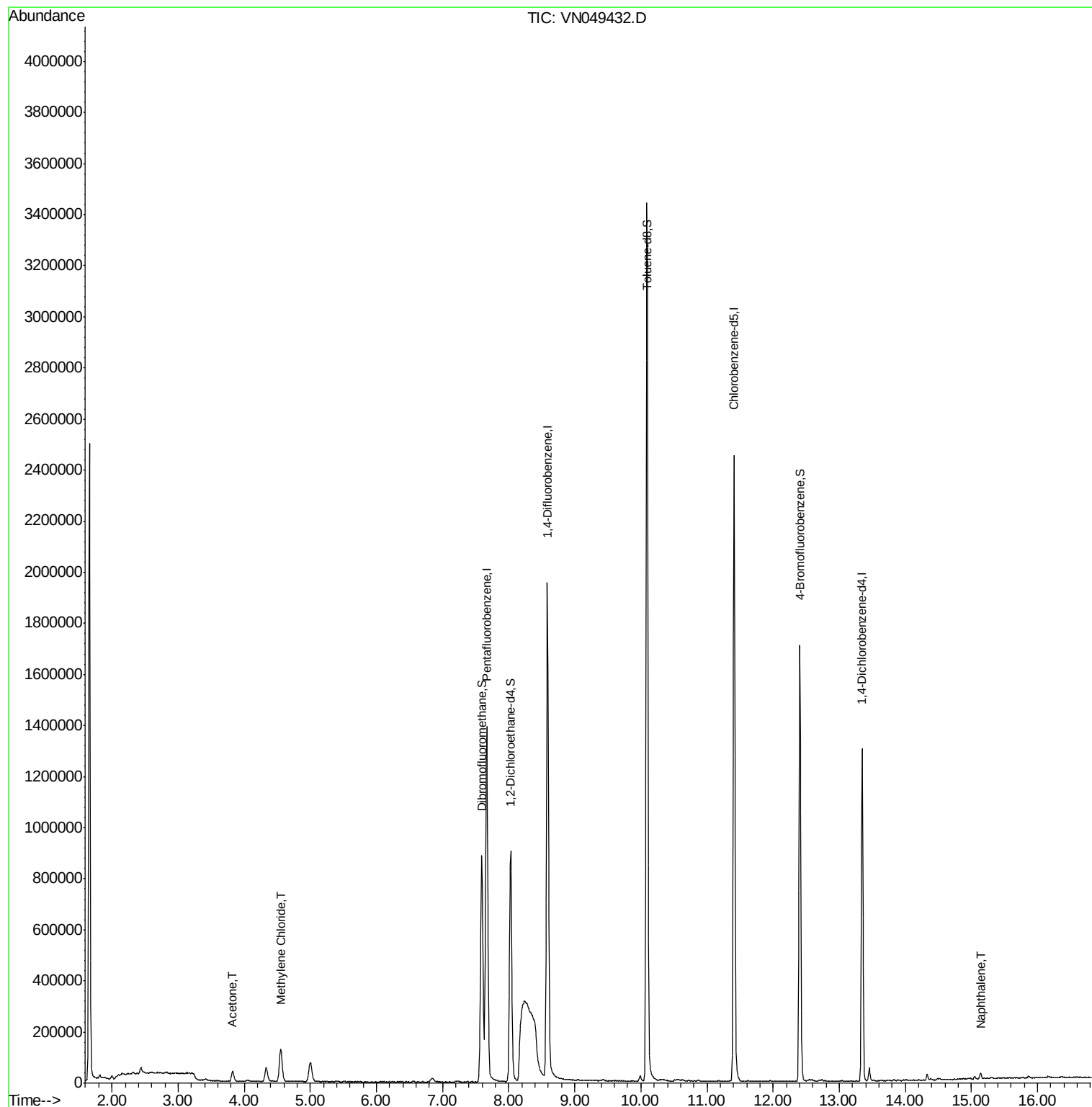
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	1176048	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1870260	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1480894	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	382951	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	780580	50.04	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.08%	
35) Dibromofluoromethane	7.59	113	694781	45.92	ug/l	0.00
Spiked Amount 50.000			Recovery	=	91.84%	
50) Toluene-d8	10.09	98	2530918	43.93	ug/l	0.00
Spiked Amount 50.000			Recovery	=	87.86%	
62) 4-Bromofluorobenzene	12.40	95	607894	31.91	ug/l	0.00
Spiked Amount 50.000			Recovery	=	63.82%	
Target Compounds						
16) Acetone	3.82	43	64989	17.160	ug/l	95
20) Methylene Chloride	4.55	84	96995	6.132	ug/l	88
95) Naphthalene	15.14	128	17623	3.734	ug/l	95

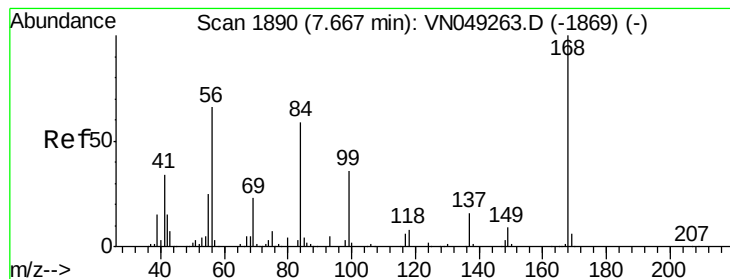
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.67 min Scan# 1890

Delta R.T. 0.00 min

Lab File: VN049432.D

Acq: 20 Jun 2018 12:10

Instrument :

MSVOA_N

ClientSampleId :

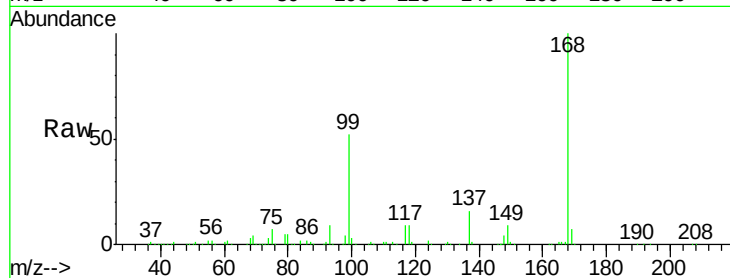
SB-56(0-5)

Tot Ion:168 Resp: 1176048

Ion Ratio Lower Upper

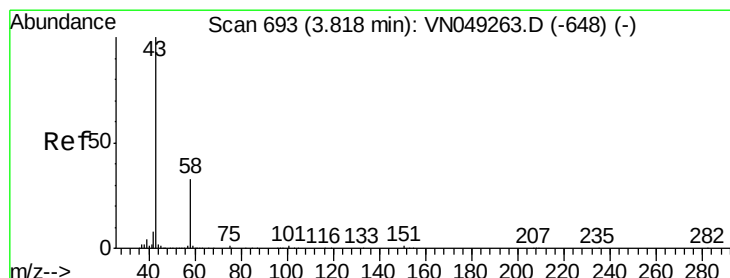
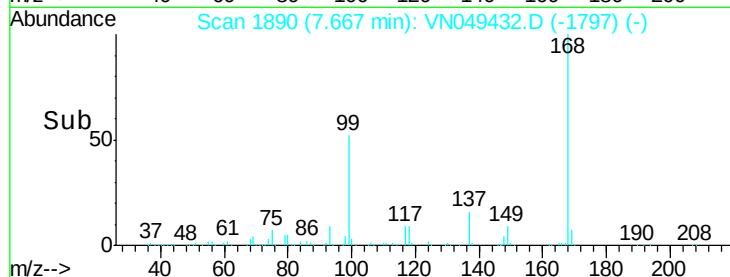
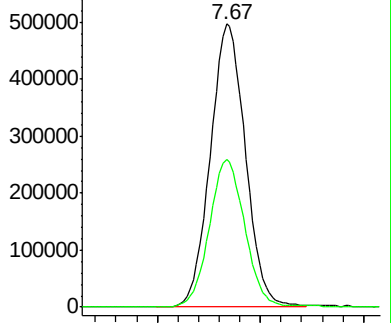
168 100

99 52.3 45.8 68.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN0



#16

Acetone

Concen: 17.160 ug/l

RT: 3.82 min Scan# 694

Delta R.T. 0.00 min

Lab File: VN049432.D

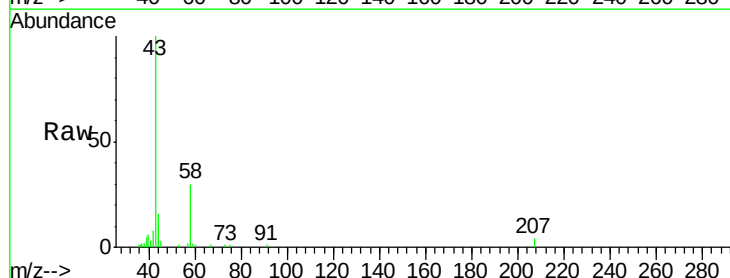
Acq: 20 Jun 2018 12:10

Tgt Ion: 43 Resp: 64989

Ion Ratio Lower Upper

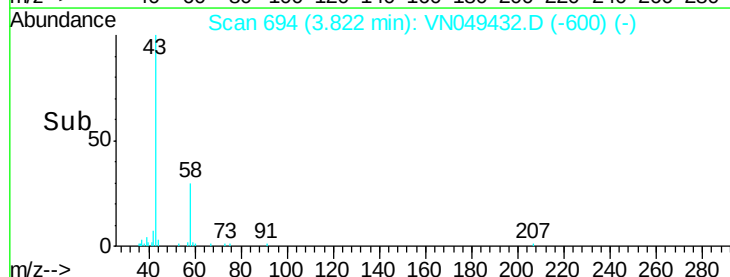
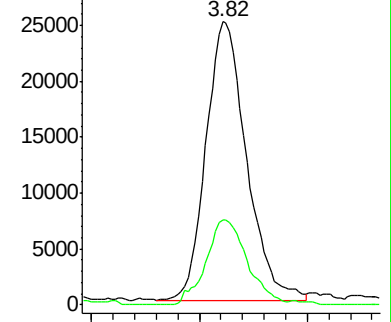
43 100

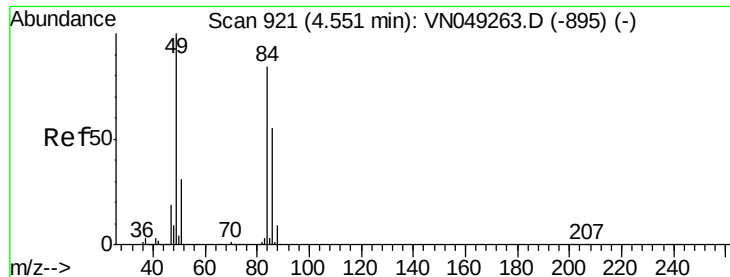
58 30.5 22.4 33.6



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0

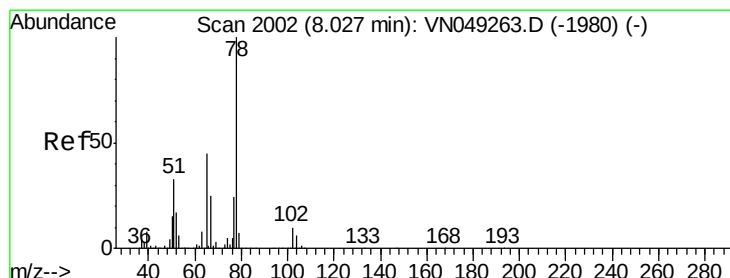
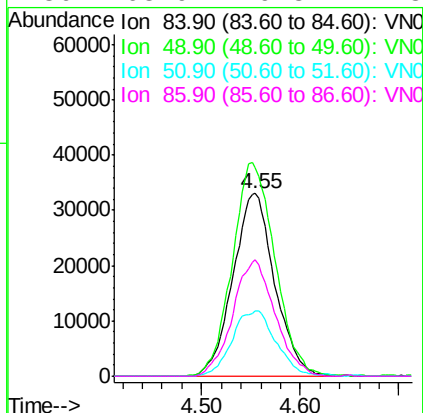
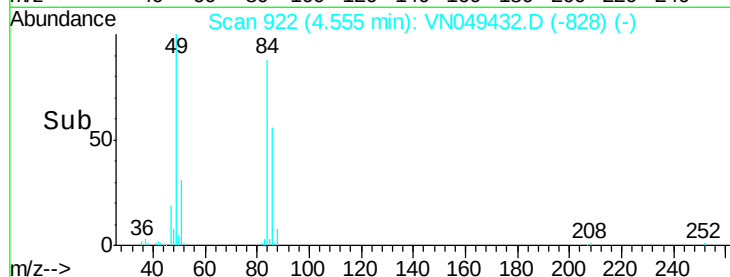
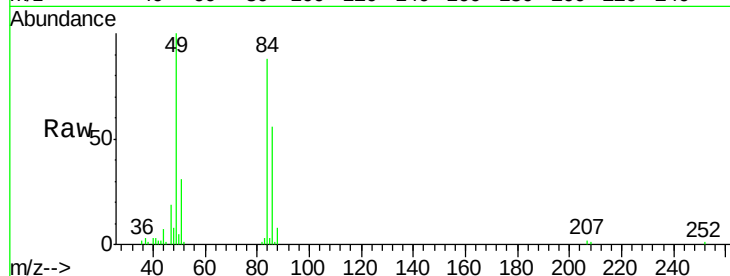




#20
Methylene Chloride
Concen: 6.132 ug/l
RT: 4.55 min Scan# 922
Delta R.T. 0.00 min
Lab File: VN049432.D
Acq: 20 Jun 2018 12:10

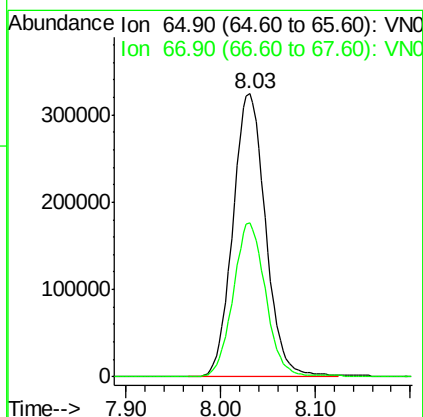
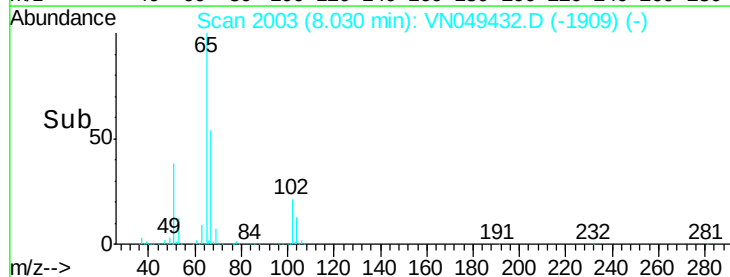
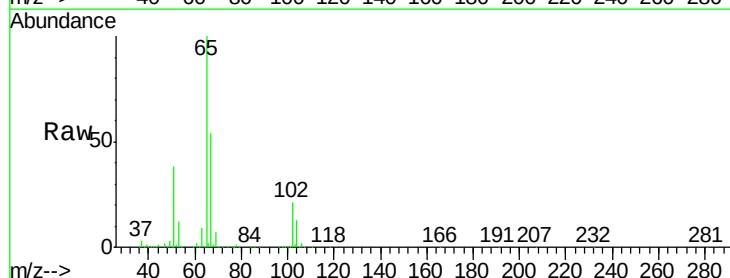
Instrument :
MSVOA_N
ClientSampleId :
SB-56(0-5)

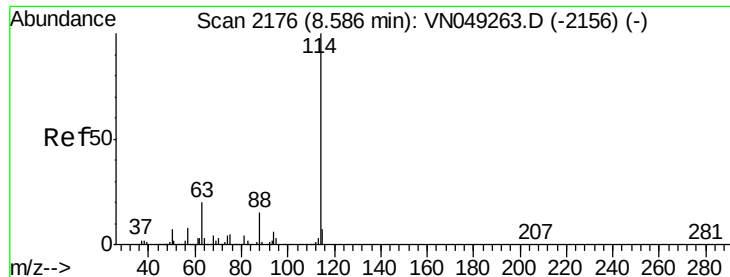
Tot Ion: 84 Resp: 96995
Ion Ratio Lower Upper
84 100
49 113.4 106.9 160.3
51 35.8 32.7 49.1
86 63.9 49.8 74.8



#33
1,2-Dichloroethane-d4
Concen: 50.042 ug/l
RT: 8.03 min Scan# 2003
Delta R.T. 0.00 min
Lab File: VN049432.D
Acq: 20 Jun 2018 12:10

Tgt Ion: 65 Resp: 780580
Ion Ratio Lower Upper
65 100
67 53.6 0.0 103.8

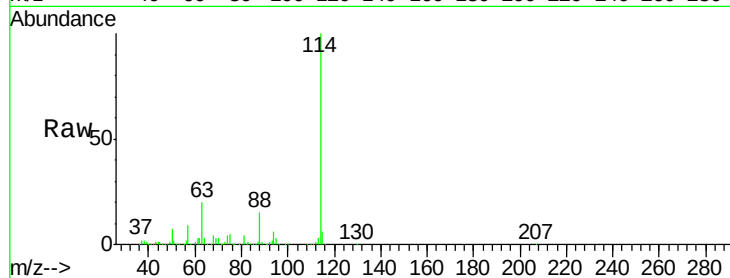




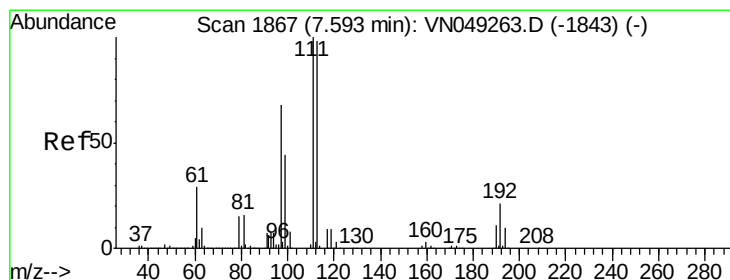
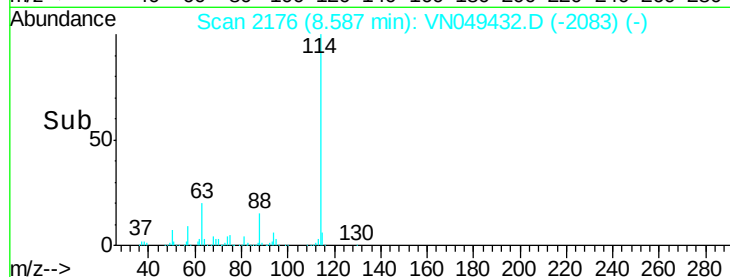
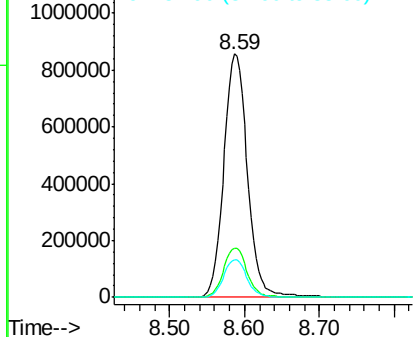
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2176
 Delta R.T. 0.00 min
 Lab File: VN049432.D
 Acq: 20 Jun 2018 12:10

Instrument :
 MSVOA_N
 ClientSampled :
 SB-56(0-5)

Tot Ion:114 Resp: 1870260
 Ion Ratio Lower Upper
 114 100
 63 20.2 0.0 44.4
 88 15.4 0.0 31.4

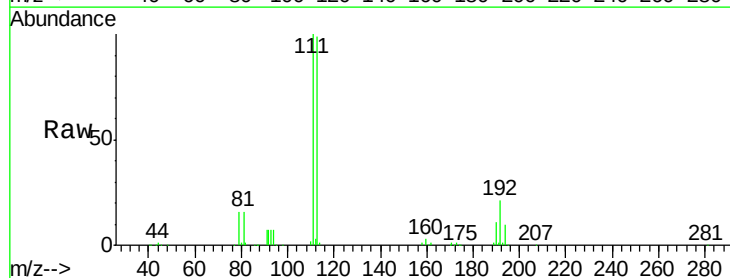


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): V
 Ion 87.90 (87.60 to 88.60): V

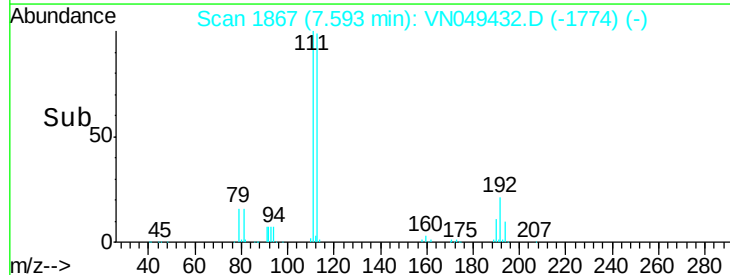
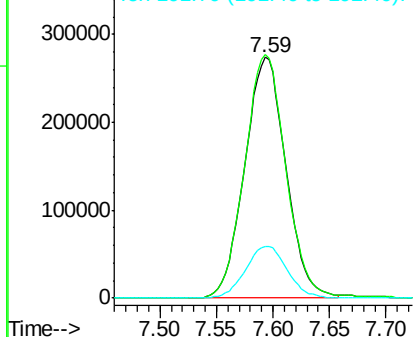


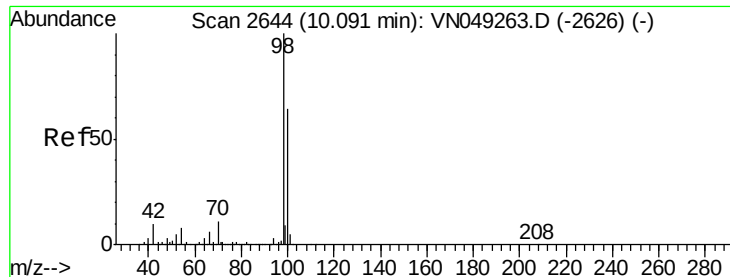
#35
 Dibromofluoromethane
 Concen: 45.917 ug/l
 RT: 7.59 min Scan# 1867
 Delta R.T. 0.00 min
 Lab File: VN049432.D
 Acq: 20 Jun 2018 12:10

Tgt Ion:113 Resp: 694781
 Ion Ratio Lower Upper
 113 100
 111 102.0 82.4 123.6
 192 21.8 15.0 22.6



Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

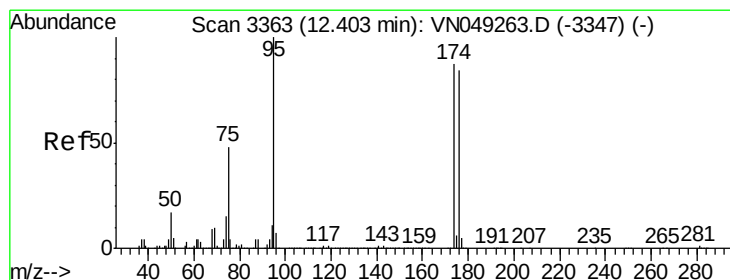
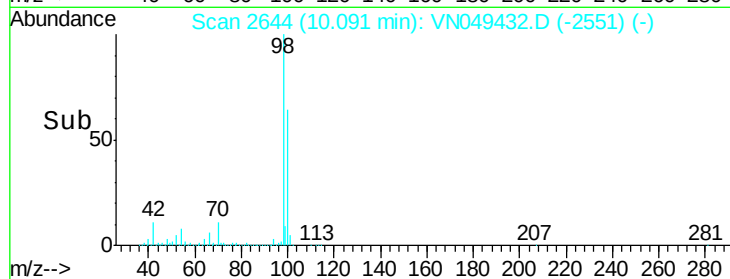
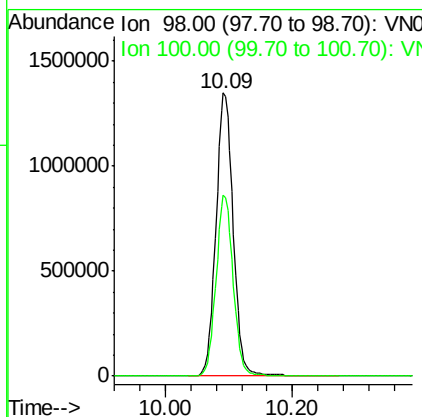
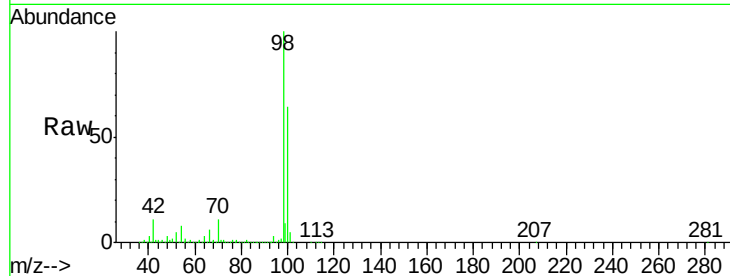




#50
Toluene-d8
Concen: 43.928 ug/l
RT: 10.09 min Scan# 2644
Delta R.T. 0.00 min
Lab File: VN049432.D
Acq: 20 Jun 2018 12:10

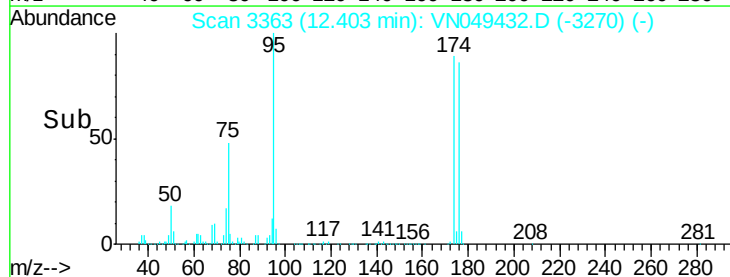
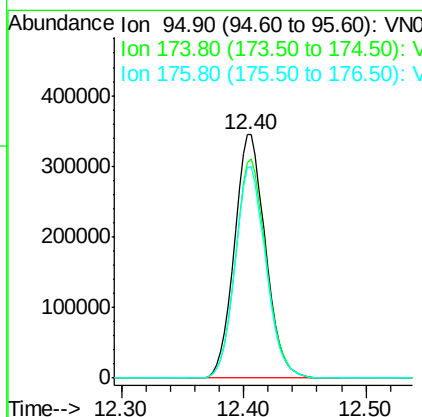
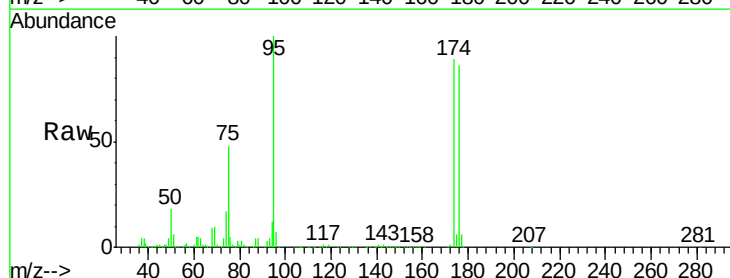
Instrument :
MSVOA_N
ClientSampleId :
SB-56(0-5)

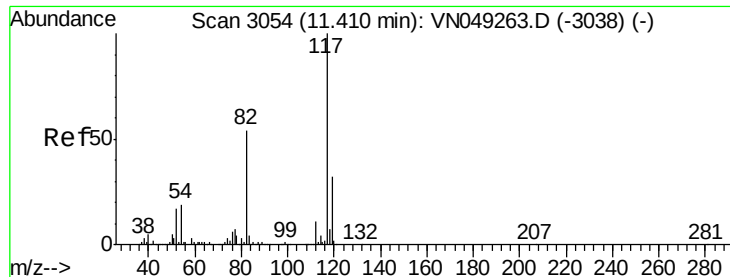
Tot Ion: 98 Resp: 2530918
Ion Ratio Lower Upper
98 100
100 63.5 49.8 74.8



#62
4-Bromofluorobenzene
Concen: 31.910 ug/l
RT: 12.40 min Scan# 3363
Delta R.T. 0.00 min
Lab File: VN049432.D
Acq: 20 Jun 2018 12:10

Tgt Ion: 95 Resp: 607894
Ion Ratio Lower Upper
95 100
174 89.1 0.0 165.6
176 85.8 0.0 157.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.41 min Scan# 3054

Delta R.T. 0.00 min

Lab File: VN049432.D

Acq: 20 Jun 2018 12:10

Instrument :

MSVOA_N

ClientSampleId :

SB-56(0-5)

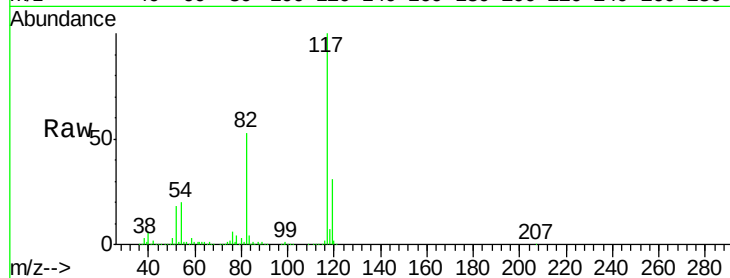
Tot Ion:117 Resp: 1480894

Ion Ratio Lower Upper

117 100

82 53.5 45.9 68.9

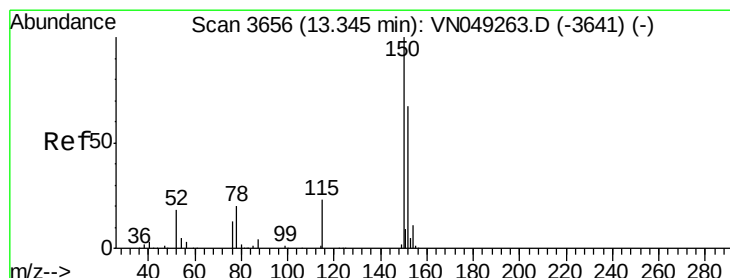
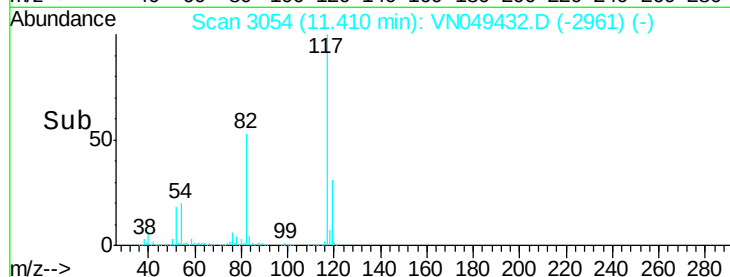
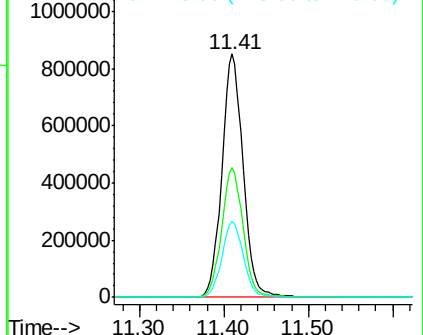
119 31.3 25.5 38.3



Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): V

Ion 118.90 (118.60 to 119.60): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.35 min Scan# 3657

Delta R.T. 0.00 min

Lab File: VN049432.D

Acq: 20 Jun 2018 12:10

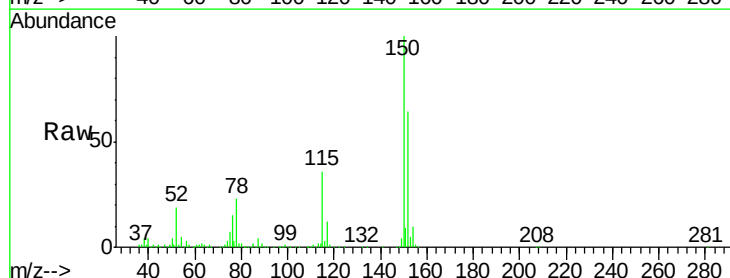
Tgt Ion:152 Resp: 382951

Ion Ratio Lower Upper

152 100

115 57.1 28.7 86.1

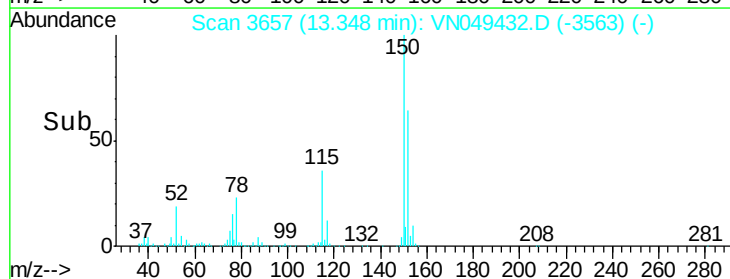
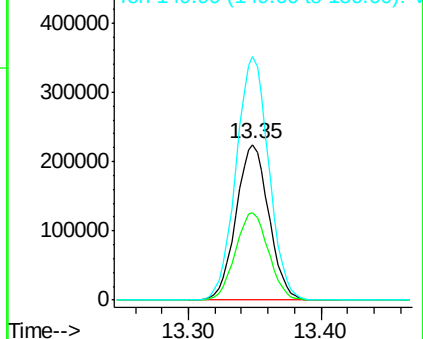
150 157.0 0.0 351.0

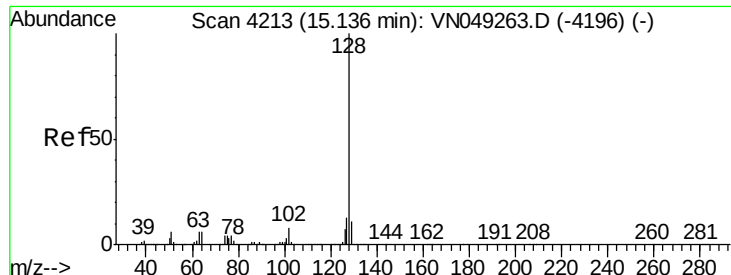


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#95

Naphthalene

Concen: 3.734 ug/l

RT: 15.14 min Scan# 4213

Delta R.T. 0.00 min

Lab File: VN049432.D

Acq: 20 Jun 2018 12:10

Instrument :

MSVOA_N

ClientSampleId :

SB-56(0-5)

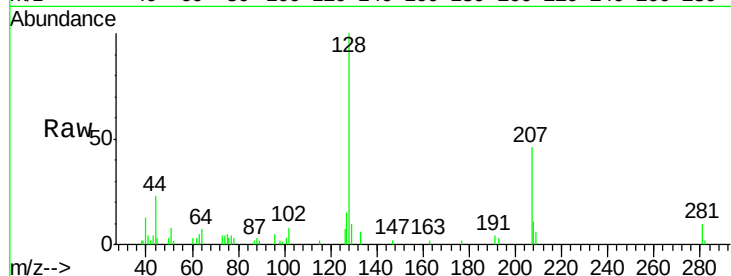
Tot Ion:128 Resp: 17623

Ion Ratio Lower Upper

128 100

127 15.9 10.6 16.0

129 11.6 8.5 12.7



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

